

Plasma Treatment in the Automotive Industry



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Plasma treatment equipment and plasma surface treatment processes are used to improve the adhesion of a wide range of interior and exterior automotive parts without the heat issues that can be common with flame treaters.

In-line plasma systems are effectively deployed to increase the surface wettability of common materials such as ABS, LGF-PP and PC amongst others.

Eltech is recognised as a leader in the field having worked with many leading suppliers both in the India and overseas to deliver on-time and in-budget plasma systems for almost every common automotive manufacturing task.

PLASMA TREATMENT:

- Improved wettability of exterior components prior to painting
- Plasma activation of topper pads prior to laminating
- In-line atmospheric plasma treatment of circuits to improve wire bond adhesion
- Improved adhesion of electronic connectors prior to encapsulation
- Localised treatment of headlight assemblies to prevent moisture ingress

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Eltech is an innovative organization with a high level of know-how, continuously developing new Plasma and Corona equipment to help solving adhesion problems, and to meet high customer demands.

